

Conduct water sampling at early detection points for chemical analysis, including: VOCs, SVOCs, PAHs, Metals (including mercury), Total Petroleum Hydrocarbons, oil range organics, diesel range organics, propylene glycol, 2-butoxyethanol, and 2-ethylhexanol and total organic carbon.

Conduct sediment sampling at predetermined locations for chemical analysis, including: VOCs, SVOCs, PAHs, metals (including mercury), Total Petroleum Hydrocarbons, oil range organics, and total organic carbon.

Conduct physical analysis in water, including pH, conductivity, dissolved oxygen, turbidity, and grain size.

Conduct dispersant (Corexit) analysis for propylene glycol, 2-butoxyethanol, and 2-ethylhexanol, Di (propylene glycol) butyl ether. We will begin analyzing for DOSS shortly.

Toxicity analyses; short-term toxicity analyses using the inland silverside fish, mysid shrimp, and sea urchins and/or eastern oysters. Chronic toxicity using the silverfish and mysid shrimp.

Conduct oil sampling based upon opportunity for chemical analysis: pure oil, oil range organics, and diesel range organics.

Conduct air sampling for VOCs, SVOCs, and PM2.5.